

**TOWN OF BRISTOL
WATER PUMP HOUSE GENERATOR SET & SET UP
REQUEST FOR BIDS**

The Town of Bristol is seeking bids for replacement of the generator that supports the Bristol Water System pump house. Interested Bidders must complete, sign, and email one pdf copy of this bid form and any attachments by Friday, May 14, 2021 at 4 pm to Jill Marsano, Town of Bristol Water Operator, Email: jill@vtums.com and Valerie Capels, Town Administrator, Email: townadmin@bristolvt.org. Any bids received after this cut off time will be rejected. Any questions can be directed to Jill Marsano at the email above or via phone at 802-922-1102.

Company Name: _____

Mailing Address: _____

Contact Person: _____ Phone #: _____

Email: _____

Base Bid: 125 KW Generator Set

Bid for 125 KW Diesel Generator Set (Exact Replacement or Equal) \$ _____

Bid for Set Up, Install, & Operator Training of 125 KW Set \$ _____

Proposed Bill of Materials/Deviations/Suggestions (Please Attach)

Please attach your proposed bill of materials along with any deviations from the attached "Bill of Material" from the current generator set as well as any suggestions for alternates or additions that you recommend for the best performance.

Warranty & Service Contract (Please Attach)

Please attach information regarding the complete standard warranty and include the cost for adding extended warranty and/or service contract options such as 2 years, 3 years and 5 years, if available.

Estimated Delivery & Install Date: _____

Bid Alternate 2: 150 KW Generator Set for Increased Capacity (Attach any changes to the bill of materials and warranty/service contract options for this alternate)

Bid for 150 KW Diesel Generator Set \$ _____

Bid for Set Up, Install, & Operator Training of 150 KW Set \$ _____

The Town of Bristol, through its Selectboard and Water Commission, reserves the right to reject any or all bids received, or to accept any bids it deems to be in the best interests of the Town of Bristol. By signing below, the bidder authorizes this bid.

Authorized Signature: _____

Date: _____

BILL OF MATERIAL

TOWN OF BRISTOL, VT PUMP STATION

One (1) outdoor Caterpillar Olympian series model CD125 packaged generator set. This unit is rated 125 KW continuous standby power, 277/480 volt, 60 hertz, 1800 RPM, 3 phase, 0.8 PF, diesel fuel operation, including the following:

STRUCTURAL STEEL BASE

COOLING SYSTEM

Unit mounted radiator
50% antifreeze solution for -30°F protection
Low water level shutdown

EXHAUST SYSTEM

Stainless Steel Flexible Exhaust Connector
Critical Grade Silencer

STARTING SYSTEM

Automatic start/stop controls, generator mounted with all features per control panel checklist
Electric starting motor, 24 VDC
Two (2) 225 amp hour lead-acid starting battery with rack and cables
Battery pad heater
Battery charging alternator

ENGINE/GENERATOR MOUNTED CONTROL PANEL (Level C)

(See Spec Sheet for Accessories Included)

Pre-Alarms for oil pressure, high/low water temperature
Remote annunciator panel 18 light
Engine gauge panel (battery charging ammeter, water temperature, oil pressure)

GOVERNOR

Mechanical, 3 - 5% regulation

GENERATOR (Oversized to meet Motor Starting Requirements)

200 KW, 3 Phase, 60 Hz, 4 Wire, 277/480 Volt

CIRCUIT BREAKER

225 amp, thermal magnetic, generator mounted

ACCESSORIES

Battery charger - 24 VDC, 10 Amp, 120 VAC input
Battery voltage malfunction alarms, lights
Flexible fuel lines, installed
Jacket water heater - 1800 watts, 120 volt, 1-phase, UL listed
Initial fill of lube oil and antifreeze

Neoprene vibration isolators between engine-generator and structural steel base
Sub-base fuel tank, 300 gallons with low fuel alarm, double wall construction,
rupture alarm and conduit entry area
Paint Olympian Yellow

GENERATOR ENCLOSURE, Mounted

Factory weather protective enclosure, sheet metal construction

AUTOMATIC TRANSFER SWITCH

Transfer switch 300 amps 3 pole

Adjustable time delays for starting, stopping, transfer, retransfer, voltage and frequency
sensing, status lights

Automatic engine exerciser

Inphase monitor/delayed transition

NEMA 1 enclosure

MISCELLANEOUS

No special tools, other than those found in a mechanic's standard toolbox, are required
for normal operation, maintenance and service.

Preventative maintenance contract available from Southworth-Milton at additional cost

Extended warranty (5 years) available from Southworth-Milton at additional cost.

Recommended spare parts available from Southworth-Milton at additional cost.

Jobsite start-up/site test per jobsite specifications

Standard factory testing

One (1) year standard Caterpillar Olympian series warranty

Owners manuals 3 sets

**TOWN OF BRISTOL
WATER PUMP HOUSE GENERATOR SET
EXISTING EQUIPMENT PICTURES**

